

IN THE CLAIMS

1. (Previously Presented) A method comprising:
 - updating a message from a first version to an upgraded version by chaining through intermediate versions, wherein updating comprises:
 - receiving an update message having a first version format; and
 - repeatedly generating a revised update message having a next most recent version format based on the update message until a final update message having an upgraded version format is generated.
2. (Currently Amended) The method of claim 1, wherein generating a revised update message having a next most recent version format includes:
 - receiving a first update message; and[.]
 - calling a next most recent version mapping function to map contents of the first update message to generate a second update message.
3. (Original) The method of claim 1, wherein the update message includes a set of records for a database in the first version.
4. (Original) The method of claim 3, wherein the set of records for the database in the first version is a complete set of records for the database.
5. (Currently Amended) An article of manufacture comprising a computer readable medium having instructions stored thereon, which when executed by a data processing system, causes the data-processing system to perform a method, comprising:
 - receiving~~receipt~~ of an update message having a first version format; and[.]
 - generating repeatedly generation of a revised update message having a next most recent version format based on the update message until a final update message having an upgraded version format is generated.

6. (Currently Amended) The article of manufacture of claim 5, the method further comprising wherein the computer readable medium further having instructions stored thereon, which when executed, causes:

receiving receipt of a first update message; and[,
calling ~~of~~a next most recent version mapping function to map contents of the first update message to generate a second update message.

7. (Currently Amended) The article of manufacture of claim 5, wherein the update message includes a set of records for a database in the first version.

8. (Currently Amended) The article of manufacture of claim 7, wherein the set of records for the database in the first version is a complete set of records for the database.

9. (Currently Amended) An apparatus for updating a message from a first version to an upgraded version by chaining through intermediate versions comprising:

means for receiving an update message having a first version format; and[,
means for repeatedly generating a revised update message having a next most recent version format based on the update message until a final update message having an upgraded version format is generated.

10. (Currently Amended) The apparatus of claim 9, further comprising:

means for receiving a first update message; and[,
means for calling a next most recent version mapping function to map contents of the first update message to generate a second update message.

11. (Original) The apparatus of claim 9, wherein the update message includes a set of records for a database in the first version.

12. (Original) The apparatus of claim 11, wherein the set of records for the database in the first version is a complete set of records for the database.

13. (Previously Presented) An apparatus comprising:

a network switching device to receive an update message having a first version format; and,

a controller card to update a message from a first version to an upgraded version by chaining through intermediate versions, the controller card to repeatedly generate a revised update message having a next most recent version format based on the update message until a final update message having an upgraded version format is generated.

14. (Previously Presented) The apparatus of claim 13, wherein the network switching device receives a first update message.

15. (Previously Presented) The apparatus of claim 14, further comprising:

a mapper to call a next most recent version mapping function to map contents of the first update message to generate a second update message.

16. (Previously Presented) The apparatus of claim 13, wherein the update message includes a set of records for a database in the first version.

17. (Previously Presented) The apparatus of claim 16, wherein the set of records for the database in the first version is a complete set of records for the database.